Abstract:
The presented analyses persuade by their clear results in both, the working posture in work types and energy consumption profiles over work time. Additional information can be taken by identifying uncomfortable positions and types of work as well as from noticing exceedings of the permanent load limits of male and female workers (tab. 2). With respect to the kind of work to do, those results show a clear difference in suitability of different workers at all. Furthermore they give hints for necessary ergonomic improvements as well as for a better work organisation and for recreation phases. But one has to notice that especially the energy conversion over time requires a realistic progressing of the simulation and that working postures differing from the model cannot be calculated.

Stichworte: Work load; Energy consumption; Simulation

Dewey Dezimalklassifikation (Liste):
630 Landwirtschaft

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